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Municipality/Organization: Town of Marion

EPA NPDES Permit Number: 4169000

MaDEP Transmittal Number: W-

Annual Report Number & Reporting Period: **No. 1: March 03-March 04**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Robert C. Zora Title: Superintendent, Marion DPW

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Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: Robert C. Zora

Printed Name: Robert C. Zora

Title: Superintendent, Marion DPW

Date: December 15, 2004

Part II. Self-Assessment

The DPW Director, Rob Zora plans to reorganize the Stormwater Management Committee and to hold quarterly meetings. This will insure compliance with the measurable goals set in town. Towns permit and that the submittal of the annual report by the set dead line.

The newly organized Stormwater Management Committee will need monies to be able to reach our measurable goals. The Director will seek funding in his 2005-2006 budget.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID # 1	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
1-1	Educational flyer	DPW	Flyer prepared	Flyer prepared, lack of funding mail out by May 2005	print and mail out May 2005 with town water bills
Revised		Rob Zora	distributed		
1-2	Annual public meeting	Town Admin BOS	meeting advised and held	May - June 2005 Annual	The storm water comm. will hold meeting and invite public input
Revised		DPW			
1-3	Posting of maps	DPW	Maps displayed	Maps displayed spring 2003	Maps displayed on going
Revised	same	Rob Zora	Same		
1-4	Web page	webmaster	page developed	Winter 2005 with flyer information	ongoing and needed updates
Revised		same			
Revised					
Revised					

1a. Additions

2. Public Involvement and Participation

BMP ID # 2	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
2-1 Revised	Public participation	Board of Health & DPW Director	maintain a complaint report file	Ongoing	Ongoing
2-2 Revised	Storm Water management committee	DPW Director	Meets once a year	Meeting Fall 2004	Meeting quarterly ongoing
2-3 Revised	Annual Selectmens meeting review annual stormwater management comm.	DPW Director Rob Zora	Meeting advertised & held	Ongoing Fall 2004	Meeting annually ongoing
2-4 Revised	Storm drain stenciling	DPW Director Harbormaster	documentation of number of catch basin stenciling annually	Stencils made to be done by boy scouts	ongoing Spring 2005
2-5 Revised	hazardous material collection	DPW Director		May 1, 2004 by Carver/ Marion/Wareham Regional Disposal District	ongoing annually
Revised					

2a. Additions

3. Illicit Discharge Detection and Elimination

BMP ID # 3	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
3-1 Revised	Discharge identification	Harbormaster marine dept staff	production of maps	2004 Weweanic River	ongoing Sippican Harbor east
3-2 Revised	drainage mapping	Harbormaster Marine Dept staff	production of maps	Posted Town Hall & Library	ongoing
3-3 Revised	Illicit discharge identification	DPW & BOH	quantity illicit discharges identified & corrected	Fall 2004 ongoing	ongoing
3-4 Revised	Illicit discharge prohibitation	BOH	necessary regulation changes made	Reviewed winter 2005	ongoing annually
3-5 Revised	BOH Training	BOH	Meeting held	Winter 2005 ongoing	ongoing annually
Revised					

3a. Additions

4. Construction Site Stormwater Runoff Control

BMP ID # 4	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
4-1 Revised	conservation commission bylaw review	conservation committee	submission of articles to town meeting if needed	March 2005 ongoing	Annually ongoing
4-2 Revised	planning board subdivision regulation review	Planning Board	submission of articles to town meeting if needed	March 2005 ongoing	Annually ongoing
4-3 Revised	planning board zoning & non-zoning bylaw review & change	Planning Board	submission of articles to town meeting if needed	March 2006 ongoing	Annually ongoing
Revised					
Revised					
Revised					

4a. Additions

5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID # 5	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
5-1 Revised	conservation commissions bylaw	conservation commission	Review wetland bylaws	ongoing	ongoing
5-2 Revised	planning board subdivision regulations review	planning board	necessary regulation changes made	review ongoing	review ongoing
5-3 Revised	planning board zoning & non - zoning bylaw review	planning board	submission of articles of town meeting needed	review by March 2006	ongoing
Revised					
Revised					
Revised					

5a. Additions

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID # 6	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
6-1	DPW policy guide	DPW Director	preparation of policy guide	ongoing review	review ongoing
Revised					
6-2	DPW Annual training	DPW Director	completion of annaul training	Annual January	ongoing annually January
Revised					
6-3	DPW Permit filing	DPW Director	copies of permits on file	permits filed ongoing	permits filed ongoing
Revised					
Revised					
Revised					
Revised					

6a. Additions

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) *<<if applicable>>*

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
Revised				Not Applicable	Not Applicable
Revised				" "	" "
Revised				" "	" "
Revised				" "	" "
Revised				" "	" "
Revised				" "	" "

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n) n	
Annual program budget/expenditures	($) 3,000.00	estimate

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	
Stormwater management committee established	(y/n) y	
Stream teams established or supported	(# or y/n) n	
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.) n	
Household Hazardous Waste Collection Days		
▪ days sponsored	(#) 1	
▪ community participation	(%) unknown	
▪ material collected sponsored by CMW Refuse District	(tons or gal)	
School curricula implemented	(y/n) n	

Legal/Regulatory

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination		X		
▪ Erosion & Sediment Control	X			
▪ Post-Development Stormwater Management		X		
Accompanying Regulation Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination		X		
▪ Erosion & Sediment Control	X			
▪ Post-Development Stormwater Management		X		

Mapping and Illicit Discharges

Outfall mapping complete	(%) 100	
Estimated or actual number of outfalls	(#)	
System-Wide mapping complete	(%) 100	
Mapping method(s)		
▪ Paper/Mylar	(%) 100	
▪ CADD	(%) 100	
▪ GIS	(%)	
Outfalls inspected/screened	(# or %) 100	inspected only
Illicit discharges identified	(#) 0	
Illicit connections removed	(#) 0 (est. gpd)	
% of population on sewer	(%) 50	
% of population on septic systems	(%) 50	

Construction

Number of construction starts (>1-acre)	(#) 20	
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%) 100	
Site inspections completed	(# or %) 100	
Tickets/Stop work orders issued	(# or %) 0	
Fines collected	(# and $) 0	
Complaints/concerns received from public	(#) 0	

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%) 100	
Site inspections completed	(# or %) 100	
Estimated volume of stormwater recharged	(gpy) unknown	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr) 1	
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr) 1	
Total number of structures cleaned	(#) 250	
Storm drain cleaned	(LF or mi.)	1/2 mile
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)	composrt	
Cost of screenings disposal	($) 0	

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr) 2	

Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr) 1	
Qty. of sand/debris collected by sweeping	(lbs. or tons)	est 150 ton
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location) town compost	
Cost of sweepings disposal	($) 0	
Vacuum street sweepers purchased/leased	(#) --	
Vacuum street sweepers specified in contracts	(y/n) --	
Town owned sweeper DPW		

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)	N/A	
▪ Fertilizers	(lbs. or %)	
▪ Herbicides	(lbs. or %)	
▪ Pesticides	(lbs. or %)	

Anti-/De-Icing products and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	
Pre-wetting techniques utilized	(y/n) n	
Manual control spreaders used	(y/n) y	
Automatic or Zero-velocity spreaders used	(y/n) n	
Estimated net reduction in typical year salt application	(lbs. or %)	150 ton
Salt pile(s) covered in storage shed(s)	(y/n) -- y	
Storage shed(s) in design or under construction	(y/n) n	